

Counterpoise

The Amateur Radio Club of El Cajon

Volume XLV

November 2004

Number 11



Amateur Radio Club of El Cajon
meets every 2nd Thursday at 7:00 pm
at the Santee Baptist Church in
Santee. The address is 9320 Prospect
Ave. Next meeting
November 11, 2004 7:00 pm

Table of Contents

El Cajon Open House	Page 2
Meeting Minutes	Page 3
Calendar of Events	Page 4
Membership Application	Page 5
Fun Page	Page 6
Ham Spot Light	Page 7
Editor's Corner	Page 8
Pat WA6MHZ 2m AM Radios	Page 8
Home Brew Rules	Page 9
Christmas Party Info	Page 9
Photos from Round UP	Page 9

All Official written communication is to be
submitted to:

A.R.C.E.C. P.O. Box 50, El Cajon CA 92022
The Counterpoise is a publication of the
Amateur Radio Club of El Cajon (ARCEC). It
is published once monthly and
contributions are accepted from officers
and members of the club. We also
encourage input from members of the
Amateur Radio Club of El Cajon. Opinions
expressed are solely that of the author
and do not necessarily reflect the
opinions of the Amateur Radio Club of El
Cajon (ARCEC). Articles may be submitted
either by e-mail or mail to the editor.

Paul Rios at:
kc6qls@cox.net or by post
1237 Victor Ave #4, El Cajon Ca 92021

The Deadline is Sunday after the General
Meeting.

Amateur Radio Club of El Cajon
Web Site:
<http://www.qsl.net/wa6bgs>

Staff and Writers:

KC6QLS	Paul	Editor
KC6JCW	Stogie	From the President
N6OPH	Mike	Meeting minutes
	Tassy	HAM Spot Light
W6LKK	Erich	WAMO Report
W5COM	Tom	Jokes

Next Month:
Ham of the Year Nominations, Home Brew Winners,

Happy Thanksgiving



May we give thanks to
all that help us in our time
of need.

2004 Officers

President	KG6JCW	Mike "Stogie" Panger	263-4439
Vice-President	KC6NXZ	Tom Caudle	561-6678
Secretary	N6OPH	Mike Maston	296-9067
Treasurer	KF6WXA	Susan Kochel	445-6067
Past President	WA6MHZ	Pat Bunsold	593-1111

2004 Board of Directors

SANDARC	AE6AV	Larry Plummer	460-1818
Membership	KG6QCO	David Cyr	328-0246
Club Attire	AI60	Ed Felter	668-0928
Public Service	N6NKJ	Rich Beisigl	444-5465
Prizes	WA6PPG	Carl Ferree	328-2694
	KD6QB	Bill Callier	460-4754
Public Relations	KC6QLS	Paul Rios	593-9445

2004 Standing Committee

ARRL Asst. Dir.	WA6MHZ	Pat Bunsold	593-1111
Counterpoise	KC6QLS	Paul Rios	593-9445
Education	N6OPH	Mike Maston	296-9067
Estate Sale	N6JOJ	Tom Myrick	449-3547
Field Day	KG6QCO	David Cyr	328-0246
Finances	N6OPH	Mike Maston	296-9067
Health & Welfare	Open		
Historian	Open		
Net Manager	KG6QCO	David Cyr	328-0246
Postmistress	KC6TBG	Ann Rios	593-9445
SANDARC	K5WFW	Len Fullbright	258-1322
SANDARC	AE6AV	Larry Plummer	460-1818
Delegate	Open		
Social	KD6PRV	Chemi Ruiz	574-0720
Swap Meet	N6JOJ	Tom Myrick	449-3547
Technical	W6RHV	Bob Boehme	448-4728

Would you like to be in the next HAM Spot Light?

The Counterpoise is looking for Staff Writers for Tech Talk, Band Condition Reports, new equipment reports, and other articles of interest to the Amateur Radio community.

Please contact KC6QLS Paul at:

kc6qls@cox.net

(619) 593-9445



El Cajon Fire House Open House 2004



By: KC6QLS

Silent Key.....
Doug Wescott
KF6QXU WAMO 1647
We will miss You 73's

SANTEE DRIVE-IN SWAP MEET

10990 Woodside Ave., North
FOR INFORMATION, CALL 449-SWAP
Ham Radio, Computers, Electronics
ACRES & ACRES OF BARGAINS
1st & 3rd Saturday of the Month
GATES OPEN 6:30 AM

Amateur Radio Club of El Cajon

General Membership Meeting
14 October 2004



The general membership meeting of the Amateur Radio Club of El Cajon was called to order by club president Michael Panger, KG6JCW at 1900hrs. After the pledge, visitors were welcomed. Our club vice-president introduced Tuck Miller, NZ6T as our featured speaker. Pat Bunsold, WA6MHZ also demonstrated, 1960's version of two meter AM radio equipment. After the break the business portion of the meeting ensued.

SECRETARY'S report was approved as published in the *Counterpoise*.

TREASURER Susan Kochel, KF6WXA gave her report. It was approved as read and filed for audit.

PRESIDENT'S report was presented by Michael "Stogie" Panger, KG6JCW. Stogie reported that the Christmas party will held in December on the second Friday. He also called for volunteers to help decorate the banquet location for the party and also would like to have a clean up crew volunteer as well. Stogie announced that Doug Wescott KF6QXU is now a silent key.

EDUCATION report was given by Mike, N6OPH. The Extra Class will begin 21 October and will run every Tuesday and Thursday. There will be no class on the first Tuesday of each month. The technician classes will begin in January 2005.

PUBLIC RELATIONS chairman, Paul, KC6QLS announced that the Ham Radio Roundup will be held on 30 October at Hilltop Park. It was moved and seconded that the club loan its barbeque and waive the \$200 deposit for use at the Ham Radio Round Up. Motion was carried.

ESTATE SALES chairman, Tom, N6JOJ, announced that we received a \$100 donation from Richard WB6BZE for some equipment that he sold at the swap meet.

Mike, N6OPH announced that he has written two thank you notes for last months donations.

MEMBERSHIP CHAIRMAN, David Cyr, announced that there are 213 paid members to the club. The last WAMO number is 1639.

SOCIAL CHAIRMAN, Xemi, KD6PRV, reported that he will do the decorating for the Christmas Party.

PRIZE COMMITTEE asked the membership to buy tickets for the prize table. He is giving away some boat anchors this evening with lots of dials and knobs.

SANDARC report was given by Mike, N6OPH in the absence of Larry AE6AV. He stated that SANDARC

has settled on two candidates for the office of convention chairman. They are Pat, WA6MHZ and Mike, N6OPH. SANDARC would like each of the club delegates to report to the clubs and request a club preference. The venues are now between the Escondido Center for the Arts and the Marriott Hotel, Mission Valley.

The October meeting of the council will be the last for the remainder of the year. The council will then reconvene in January. The election of the convention chairman and treasurer will occur during the October meeting. At the conclusion of the SANDARC report, both candidates for convention chairman were excused from the meeting in order for the general membership to register their preference. At the conclusion of the voting, the general membership directed the SANDARC delegates to vote for Mike, N6OPH at the October council meeting.

NEW BUSINESS: It was moved and seconded that the roster be printed for the January 2005 *Counterpoise*. Motion was carried.

Nominations for the nominations committee were solicited by the club president. The nominations committee requires four members and a chairman. Last year's nominations committee chairman is also an ex officio member. The following individuals volunteered: Ann, KC6TBG; Michael, AE6CQ; Tom, KC6NXT, Anselmo, KD6PRV plus Earl, KF6WNN. Since there were no other volunteers to come forward, it was moved and seconded that the rules be suspended and consider the slate elected by acclamation and that they select their own chairman. This motion was carried by two-thirds votes of the general membership assembled. The committee chose Anselmo, KD6PRV as it chairman. The committee will report to the general membership on a slate of nominees at the November general membership meeting.

The club president also reported that the Santee Baptist Church at which club meetings and functions are held is experiencing some financial difficulties in extremes. It was suggested that the club should donate \$300 for the use of the facilities. It was moved and seconded that a check for \$300 be donated to the church. The motion was carried. There being no further business before the general membership, the meeting was adjourned at 2050 hours.

Respectfully Submitted,

Michael Paul Maston, N6OPH
Secretary
Amateur Radio Club of El Cajon

To all Members:

With the new privacy laws, please read the statement below. The Counterpoise will be mailed out to all ECARC Members. It will be assumed that all have read and agree to the roster unless the appropriate club member is contacted stating to be removed from the *Published Roster*.

The El Cajon ARC Roster will be included with the January 2005 Counterpoise. If you have any changes to your call sign, address, phone number or e-mail address, due to recent upgrades or plan on moving soon, please contact Paul at 593-9445 or by e-mail at KC6QLS@cox.net before December 12, 2004.

The ECARC Roster is only for club use and is not to be sold or used in any way other than for contacting our club members for club communication only. If for any reason you do not wish to have your information published, please contact me as indicated above.

VEC Testing Sites

1 st Saturday:	El Cajon 10:00 am El Cajon Central Fire Station 160 E. Lexington Ave. (in Back)
2 nd Saturday:	Carlsbad 10:00 am Carlsbad Safety Center Orion Way Carlsbad
3 rd Saturday:	North Park 10:00 am North Park Recreation Center 4044 Idaho Street San Diego
4 th Saturday:	Chula Vista 9:00 am Salvation Army 643 Third Ave Chula Vista
5 th or last Saturday:	Escondido 10:00 am Escondido Chamber of Commerce 720 north Broadway Escondido

To make advance reservations or to find out more info from the site captain, please call 464-EXAM (3926)

Club Attire

Get your jackets, hats and t-shirts.
Show off your club colors and let all know that the Amateur Radio Club of El Cajon is strong and growing.

Contact: Ed Felter AI6O at 668-0928

WA6BGS NETS

David Cyr: KG6QCO Net Manager

WAMO NETS:

Wednesday and Thursday Nights
8:00 pm local time 7:30 "Checkins"

10 Meters: 28.480

Tuesday Night Rag Chew net:

8:00 pm

Nets held on club repeaters

WA6BGS Repeaters

2 Meters SANDRA Repeater

Output 146.265 "Otay"

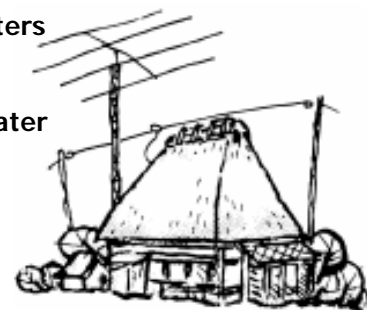
Input - Split

PL 107.2

224.080 – 107.20 PL

445.900 – 141.30 PL

Don't miss it, all members welcome.



New Participant points:

For every 12 WAMO Net you will receive (1)
Participant point

If you work all WAMO Net from 9-11 to 12-4
You will receive (1) extra Point

Calendar of Events November 2004

November 2: Board Meeting, 7:00 pm
November 6: Swap Meet, Santee Drive In, 6:30 am
November 6: T-Hunt, Grossmont Collage lot, 6:00 pm
November 11: General Meeting, 7:00 pm
November 13: ARES Meeting, 8:00 am
November 20: Swap Meet, Santee Drive In, 6:30 am
November 20: T-Hunt, Grossmont Collage lot, 6:00 pm
November 25: Thanksgiving Day

The Counterpoise is also online in FULL COLOR. Check it out and the clubs website at:
www.qsl.net/wa6bgs

ELECTRONIC SUPPLIES
 "ELECTRONICALLY SPEAKING"
 GATEWAYS GOT IT FOR ALL



*STATE-OF-ART COMPONENTS *RADIO AMATEURS
 *ELECTRONIC EXPERIMENTERS *ROBOT EXPERIMENTERS
 *INDUSTRIAL ELECTRONICS *ROBOT BUILDERS

WE BUY & SELL
 (858) 279-6802 MON-FRI 9-5:30
 SAT. 9-5  


 ELECTRONICS, INC.
 9222 CHESAPEAKE DR. SAN DIEGO
 1 BLOCK SOUTH OF 52 FWY BETWEEN KEARNY VILLA & RUFFIN RD

Online Datalink

Computers


4242 Camino del Rio North #12
 San Diego, CA 92108

Kenny Troung
 Sales Manager

TEL: (619) 584-8139
 (619) 584-8140
 Fax: (619) 584-7961



Tom Mc Duffie KM6K, Manager
 5375 Kearny Villa Road
 San Diego, CA 92123
 (858) 560-4900 or 1-800-854-6046

Change of Address

Moving?

Do not miss an issue of the Counterpoise. Fill out the Change of address form below.

Call _____ WAMO# _____
 Name _____
 Address _____
 City _____ State _____ Zip _____
 New Address:
 Address _____
 City _____ State _____ Zip _____

Send to Membership Chairperson:
 A.R.C.E.C./ P.O. Box 50, El Cajon, CA 92022

ARCEC Membership Application

1. Amateur Call Sign	2. Class of License
3. First Name	4. Last Name
5. Street Address	6. City, State, Zip+4
7. Home Phone	8. Work Phone
May we list: Y N	
9. DOB	10. e-mail
11. ARRL Member Yes no	12. ARES Member Yes No
13. RACES Member Yes No	14. Sponsored by: or Family Member

Return this form with check made payable to the Amateur Radio Club of El Cajon or ARCEC for new or renewal membership. Annual Dues \$12.00 for Individual, \$20.00 for family. New members add \$5.00 per member. Include your call on Check. Mail to
Membership Chairperson
 A.R.C.E.C., P.O. Box 50, El Cajon, CA 92022

New () or Renewal ()	WAMO Number
Certificate Issued	Computer Database Updated
Paid Cash ()	Check No.
Check ()	

Computer Roster Available

Want the roster sent to you via e-mail? Send an e-mail to David Cyr KG6QCO, and he will send you the database back as an attachment. He uses Excel, but may be able to convert to various formats if asked. Send your request to 619-328-0246 or KG6QCO@cox.net

FUN PAGE

Birthdays

November 2	AI6O	Ed	Felter
November 4	AD6LL	Susan	Chamberlain
November 5		Evanna	Miller
November 6	K6TDS	Jack	Higginson
November 13	WB6EWT	Miriam	DeMers (L)
November 13	K6FT	Frederic	Taylor
November 14	KA6NFX	Ron	Jordan
November 15	K1CHS	Ed	Blank
November 17	K6BX	John	Roessler
November 17	WB6WSN	Ed	Price
November 17	KM6EK	Joe	Utschig
November 19	KE6TPL	Jack	Carter
November 19		Ron	Royer
November 20	KE6TPJ	Al	Washburn
November 23	KF6YCU	Tomes	Theodorelos
November 24	WA6BEN	Ben	Bunsold

Jokes

Do not buy radios you cannot afford, unless you really want to.

One of the great things about books is sometimes there are some fantastic pictures.

Have a nice day. W5COM

Word Search November 2004

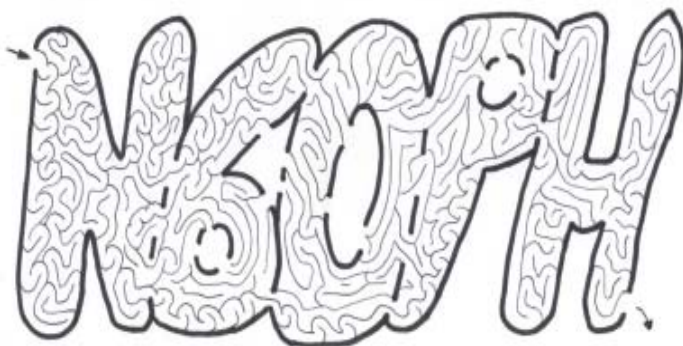
D W O U T P U T B N T A Q Z G
S I T N T A Z C T N E M E L E
P A S H N U E R H E R C K I N
A S E P C O T O D A P Y E K E
Z U H S L O L T B G S R F U R
U R L I G A M O P S W E I N A
R G X A E N Y R T A L T N P L
X E L R W L A E U B C T G A P
A T A Q O E D H A A E A R R V
T H N M N N B M U C S B E O E
W V O X V N M F C K T I I C R
C A I V T A H E P L W C R Z T
A N T I R H R A R I E A O D I
B K P G Q C D E L T A M T R C
Y R O M E M R T W C A D Z T A
Q R T R Q V H M L E C O M D L
P L B C T T R I B A N D Q L S

Backlit
Battery
Beam
Channel
Delta
Display
Element
General
Keypad
Memory

Optional
Output
Programmable
Rotor
Shield
Surge
Triband
Vertical
Voice
VOX

Bonus: DSP, QRT

MAZE



Last Months Word Search

R S P F I H C L E U Q S W P N
Z I W V P L A T S E L O M O I
Y A G F C O K A I C O M I W X
F P F L T E R O M Z T H E E
O U O N T W Y Z N A A P T R O
A W P A Z A R T O L P A R A M
S T E I L M R L W U A Z S Q R T
S R W C A P A D B D A P V C Y
B V N A L V O I T A G E O T A
B C T C A M I X E R B A L I L
X K I A R T R A W Z I K R M P
R E N E Z R T N E D L E M B S
O B T M S W N E T W A R Z A I
A N Z S C O P E R A D P O Z D
I O C Q R P R O C E S S I N G
A T V R A Z W C P T P C Q L S
C O M P U T E R C O N T R O L



He holds an Extra Class License, is a member of the El Cajon Club, teaches amateur radio classes, contributes to the community, and is this month's man of the hour. Michael Maston, WAMO 660, the spotlight is on you.

Michael Maston was introduced to the amateur radio world by his father in 1952. Maston tells of his first exposure to radios, "My father had a home-brew pair of twins with a 3KW amp." He had a number of "novice" calls throughout the '50s, later upgrading and making his first contact on the then new voice band, 40 meters. Maston speaks fondly of his father, W6JYQ, "He became a silent key in July 1997."

Maston's first amateur radio public service occurred in 1955 during the Yuba City/Marysville flood. Again he used his radio for community service in Julian, working for CDF as front line communications during the 2003 October Fires. In addition, he has previously worked with the Friendship Festivals, Mother Goose Parades and both field and club days at the Del Mar Fair.

In 1999, Maston began teaching amateur radio classes for the El Cajon Club and remains committed. With the encouragement of Charles Ray, W6SF, Maston says, "I became involved with SANDARC," which led him to further involvement, "I became chairman of that organization in 2001."

In the past, he became part of the testing team as a VE and also helped by introducing speakers during the 1998 Convention. He is presently a VE member and works at the North Park testing site.

Maston favors 40, 20 and 17 meters, which are side band frequencies. He's contacted as far as Canton China. Over the years, he has been and continues to be an active Club member and says, "I enjoy teaching amateur radio."

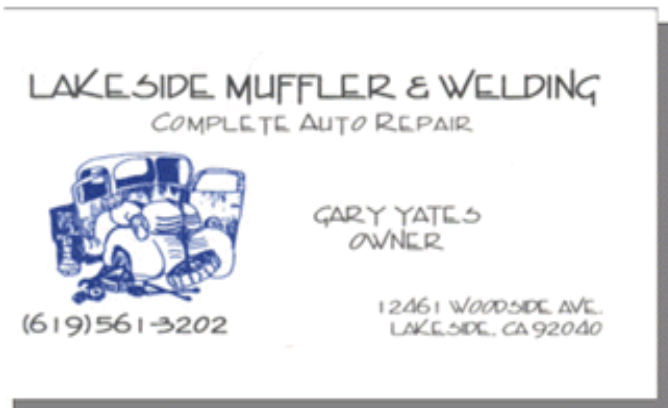
He was born in Sacramento, CA on July 31, 1945 with the name Michele Paolo Mastroleo son of Umberto A. Mastroleo. His father later changed his name in 1952. Maston served in the USAF, is a "semi retired" funeral director and embalmer. Nowadays he is a part time library aide for the City of San Diego.

We end with wise words from this month's Ham, "During my formative years I learned courtesy on and off the air. Set a good example for those who follow you." Oh so true! Thank you.

No longer just a voice on the radio, the spotlight shines on Michael Maston.

73's!

Tassy Rios, Staff Writer



He will weld antenna mounts on vehicles.

Just tell him Paul sent you.



Custom Communication Solution

**The Editor's
Corner
KC6QLS Paul**



Well, the one year mark of the Cedar Fire came and went. San Diego is still rebuilding from the ashes. I still can recall that day like it was last week. All the repeaters were working full blast. Volunteers were asking where should they report to, and how could they help. It was all I could do to report to non hams where the fire was heading and get out of the way. I had folks stay with me for sometime until it was safe for them to go back. That was my small part due to my back surgery. I know the Ham community was out there in full force doing what they do best.

You know you stand out when: I was parked at the school to pick up one of my daughters when an El Cajon Officer parked his car right in front of me got out, and walked over to me like I did something wrong. He took off his shades and looked at me and said "How are you doing Sir." I said "Ok, is there a problem?" He asked me "What are you doing here?" I replied, "Waiting to pick up my daughter from school." "Oh" he replied, "I usually do not have an antennaed vehicle backed into a parking spot." I told him that I was a Ham Radio Operator. He laughed and smiled and wished me a nice day.

The Officer and Board of Directors are coming up for re-election. If you wish to throw your hat into the ring, please let the nominating committee know. We can use the help. I have been the Public Relations person and have learned a lot about the club. I would like to run for this position again. I have found out that the club positions do take time, but it is a lot of fun.

The Home Brew contest looks like fun. I'll try to make something for the next one. If you have made anything and would like to enter it, please do. It's always fun to see the talent of our members.

If you have any reports, listings "for sale and wanted items", stories or letters to the Editor, please contact me at the address below and put Counterpoise in the subject line.

Paul Rios KC6QLS
KC6QLS@cox.net

Prize Table Needs Help

Please Help Support the Prize Table or it may just end up a thing of the past. To Help, contact WA6PPG Carl Ferree at 328-2694
e-mail at cferree@IEEE.ORG

Extra Theory Class 21 October

Contact Bob 619-464-0668 during the evening hours only.

Several "old-timers" have either said 73's or have reduced their activities in ham radio. They have donated their excess ham components. We have 30 boxes of tubes, condensers, resistors, parts, insulators, etc. All are available at your bidding—no reasonable offer refused. For information and a "look-see," call Chet Smith, K6VM, WAMO #188, at 619-447-4216.
Thanks, Chet

1960 Heath Kit

T60 kit, 2 meter 144 – 148, AM, Crystal, Battery. Pat WA6MHZ Brought in two working units to share with us at the November General Meeting. Some members even got to work them and pick up a WAMO number. Thanks for bringing them in Pat.



Front View
2 Meter AM

Top View
Still have work to Do.
Pat has 6 Units





By: KC6QLS

Rich NJ6F and Kendall K5DJU
Rig FT100D, 100 watts, Spider Dipole, 15 meters
Battery Power
Made contacts to Aruba and Argentina



By: K5DJU

Spider Dipole on a Painters pole. Nice set up Rich.
Photo by Kendall K5DJU

CHRISTMAS PARTY!!!
FRIDAY, 10 DECEMBER 2004
SANTEE BAPTIST CHURCH
9320 Prospect Avenue
SANTEE, CA

The club will provide sodas
Catering is provided by Cupid Catering
Carved Turkey, Carved Beef, Harvest
Stuffing, Mashed Potatoes, Turkey
Gravy, Garden Salad, Three Dressings,
Veggie Tray, Four Bean Salad, Coleslaw,
English Peas, Rolls, Green Beans,
Cranberry Sauce, Pumpkin Pie, Breads
and Butter, Coffee, and Sodas

Member tickets \$11.00
Non member guests \$13.00

Round UP 2004



By: KC6QLS



By: KC6QLS



By: KC6QLS



By: K5DJU



By: KC6QLS

It's time to Nominate the "Ham of the Year"

Send your nominations to Paul Rios via e-mail KC6QLS@cox.net. Include in your nomination a short paragraph or two on the reason you believe that person should be "Ham of the Year." All nominations must be made no later than 11 November 2004 (general membership meeting). The nominated candidates for "Ham of the Year" along with their laudatory paragraphs will be published in the December *Counterpoise* which should arrive prior to the December general membership meeting on 9 December. While it's not a rule, there should be at least two nominations for this honor.

Amateur Radio Club of El Cajon
P.O. Box 50
El Cajon, CA 92022



PRSRT STD
U.S. Postage
PAID
El Cajon, CA
92020

Is your membership ready to expire?

Take a loook on your mailing label. Is the expiration date in RED? Does it say EXPIRED? That means it's time to mail in your yearly dues. Please take time to fill out the membership application in this newsletter, and mail it in, or bring it to the next meeting.



Amateur Radio ... A National Resource